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## NOTICE OF ALLOWANCE AND FEE(S) DUE

28065

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07/02/2010

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OVERLAND PARK, KS 66251-2100

EXAMINER

BARRON JR, CILBERTO

ART UNIT

PAPER NUMBER

2432

DATE MAILED: 07/02/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/824,236	04/14/2004	Martin Geddes	2130	6333

TITLE OF INVENTION: SECURE INTERMEDIATION SYSTEM AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$1510	\$1510	10/04/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

## HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to:** **Mail** **Mail Stop ISSUE FEE**  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/824.236 04/14/2004

Martin Geddes

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**TITLE OF INVENTION: SECURE INTERMEDIATION SYSTEM AND METHOD**

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nonprovisional	NO	\$1510	\$0	\$1510	\$1510	10/04/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
BARRON JR, GILBERTO	2432	713-151000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_  
Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/824,236	04/14/2004	Martin Geddes	2130	6333
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			ART UNIT	PAPER NUMBER
			2432	

DATE MAILED: 07/02/2010

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 788 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 788 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

**Notice of Allowability****Application No.**

10/824,236

**Applicant(s)**

GEDDES, MARTIN

**Examiner**

Gilberto Barron Jr.

**Art Unit**

2432

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to telephone interview with Mr. Aaronson on 6/29/2010.
2. ☒ The allowed claim(s) is/are 17-20 and 22-34.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

/Gilberto Barron Jr./  
Supervisory Patent Examiner, Art Unit 2432

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Larry Aaronson on June 29, 2010.

The application has been amended as follows:

1-16. (Cancelled)

17. (Currently amended) A secure intermediation method performed by an intermediary positioned along a communication path between a client node and a server node, comprising:

receiving a session request from the client node, wherein the session request is a request to initiate secure communications between the client node and the server node;

sending to the client node a certificate in response to the session request;

establishing a first secure session between the client node and the intermediary;

~~in response to receiving the session request,~~ establishing a second secure session between the intermediary and the server node; and

after establishing the first and second secure sessions, (i) receiving ~~data~~ a payment message from the client node, (ii) detecting that the payment message includes an account number, (iii) modifying the payment message by replacing the account number with a limited-use payment number from a payment server, and (iv) sending the ~~received data~~ modified payment message to the server node over the second secure session.

18. (Original) The method of claim 17, wherein the first and second secure sessions ~~is~~ are secure socket layer sessions.

19. (Currently amended) In a secure intermediation system, a method ~~performed at a client node~~ comprising:

sending from a client node a session request addressed to a server node, wherein the session request comprises a request to initiate a secure socket layer session between the client node and the server node;

receiving at the client node a certificate in response to the session request;

determining at the client node that the certificate corresponds to an intermediary positioned along a communications path between the client node and the server node;  
and

establishing a first secure session between the client node and the intermediary;  
establishing a second secure session between the intermediary and the server node;

receiving at the intermediary from the client node a payment message including an account number;

modifying the payment message at the intermediary by replacing the account number with a limited-use payment number received from a payment server; and

sending the modified payment message from the intermediary to the server node.

20. (Currently amended) An intermediation system comprising:

a processor for executing logic;

session request logic executable on the processor and operative to detect a session request sent from ~~the~~ a client node, wherein the session request comprises a request to initiate a secure session between the client node and ~~the~~ a server node;

session initiation logic executable on the processor and operative to establish a first secure session with the client node and a second secure session with the server node, the session initiation logic being responsive to the detection of the session request by the session request logic; ~~and~~

linking logic executable on the processor and operative to enable communication between the client node and the server node by linking the first secure session with the second secure session;

account-number detection logic executing on a processor and operative to determine that a message sent by the client node is a payment message that includes an account number;

payment number request logic executing on a processor and operative to request a limited-use payment number from a payment server; and

modification logic executing on a processor and operative to modify the payment message by replacing the account number with the limited-use payment number.

21. (Cancelled)

22. (Original) The system of claim 21, wherein the first and second secure sessions ~~is a~~ are secure socket layer sessions.

23. (Currently amended) A secure intermediation system, comprising:  
a network interface;  
a processor; and

data storage, wherein the data storage stores instructions executable by the processor (i) to receive a session request from ~~the a~~ a client node, wherein the session request comprises a request to initiate secure communications between the client node and the a server node; (ii) to establish a first secure session ~~between the intermediary and~~ with the server in response to receiving the session request; (iii) to establish a second secure session between the intermediary and the server in response to receiving the session request; (iv) to receive ~~data a~~ a payment message from the client node after establishing the first and second secure session, wherein the payment message includes an account number; (v) to modify the payment message by replacing



the account number with a limited use payment number received from a payment server, and (iv) (vi) to send the ~~received data~~ modified payment message to the server over the second secure session.

24. (New) The method of claim 17, wherein the account number is a credit card number.

25. (New) The method of claim 17, further comprising sending a verification message to the client node after detecting the payment message includes the account number, wherein the verification message prompts a user of the client node to approve replacement of the account number.

26. (New) The method of claim 17, further comprising requesting the limited-use payment number from said payment server.

27. (New) The method of claim 19, wherein the account number is a credit card number.

28. (New) The method of claim 19, further comprising sending a verification message to the client node to prompt a user of the client node to approve replacement of the account number.

29. (New) The method of claim 19, further comprising requesting the limited-use payment number from said payment server.

30. (New) The system of claim 20, wherein the account number is a credit card number.

31. (New) The system of claim 20, wherein the account-number detection logic is further operative to send a verification message to the client node to prompt a user of the client node to approve replacement of the account number.

32. (New) The system of claim 23, wherein the account number is a credit card number.

33. (New) The system of claim 23, wherein the instructions are further executable by the processor to send a verification message to the client node to prompt a user of the client node to approve replacement of the account number.

34. (New) The system of claim 23, wherein the instructions are further executable by the processor to request the limited-use payment number from said payment server.

2. The following is an examiner's statement of reasons for allowance: The prior art of Baskey discloses a secure intermediation system that links a first secure session with a second secure session with an intermediate node. However, Baskey does not teach a detecting payment message in a communication over the first secure session and to modify the payment message by replacing the account number with a limited use payment number received from a payment server and to send the modified payment message to the server over the second secure session.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication should be directed to Gilberto Barron Jr. at telephone number (571)272-3799.

/Gilberto Barron Jr./  
Supervisory Patent Examiner, Art Unit 2432